

# CONTENTS

NOTES AND PAPERS	PAGE
AMBOS-SPIES, KLAUS, LEMPP, STEFFEN and LERMAN, MANUEL, Lattice embeddings into the R.E. degrees preserving 0 and 1 .. .. .	1
AYDIN, HUSEYIN and SMITH, GEOFF C., Finite $p$ -quotients of some cyclically presented groups ..	83
BAKER, ANDREW, Elliptic genera of level $N$ and elliptic cohomology .. .. .	581
BERMAN, ROBERT D. and NISHIURA, TOGO, Interpolation by radial cluster set functions and a Bagemihl-Seidel conjecture .. .. .	517
BISWAS, I. and RAMANAN, S., An infinitesimal study of the moduli of Hitchin pairs .. ..	219
BJÖRNER, A., LOVÁSZ, L., VREĆICA, S. T. and ŽIVALJEVIĆ, R. T. Chessboard complexes and matching complexes .. .. .	25
BRUCE, J. W., Generic geometry, transversality and projections .. .. .	183
BUNCE, L. J. and MAITLAND-WRIGHT, J. D., The Mackey-Gleason problem for vector measures on projections in von Neumann algebras .. .. .	133
DAVIES, E. B., Two-dimensional Riemannian manifolds with fractal boundaries .. .. .	343
DIESTEL, REINHARD, SHELAH, SAHARON and STEPRÁNS, JURIS, Dominating functions and graphs ..	16
DODSON, M. M., RYNNE, B. P. and VICKERS, J. A. G., The Hausdorff dimension of exceptional sets associated with normal forms .. .. .	614
ERDMANN, KARIN and MARTIN, STUART, Quiver and relations for the principal $p$ -block of $\Sigma_{sp}$ ..	442
ERDŐS, P., SÁRKÖZY, A. and STEWART, C. L. On prime factors of subset sums .. .. .	209
FALCONER, K. J., Sets with large intersection properties .. .. .	267
FARRAN, H. R. and ROBERTSON, S. A. Regular convex bodies .. .. .	371
FREMLIN, D. H., Embedding spaces of finite length in $\mathbb{R}^3$ .. .. .	150
FROELICH, JOHN, Strictly cyclic incidence operator algebras .. .. .	502
GROEMER, H., Stability theorems for ellipsoids and spheres .. .. .	357
HODGKIN, LUKE, On the $K$ -theory of small mapping class groups .. .. .	594
HOLLAND, D. and WILSON, S. M. J., Factor equivalence of rings of integers and Chinburg's invariant in the defect class group .. .. .	417
KENMOTSU, KATSUEI, An intrinsic characterization of $H$ -deformable surfaces .. .. .	555
LEMAŃCZYK, MARIUSZ and MAUDUIT, CHRISTIAN, Ergodicity of a class of cocycles over irrational rotations .. .. .	124
LUMINET, DENIS and VALETTE, ALAIN, Faithful uniformly continuous representations of Lie groups	100
MARTÍN-REYES, F. J. and DE LA TORRE, A., One-sided BMO spaces .. .. .	529
MARZANTOWICZ, WACŁAW, Borsuk-Ulam theorem for any compact Lie group .. .. .	195
PATE, THOMAS H., Immanant inequalities, induced characters, and rank two partitions .. ..	40
PÉREZ, C., Weighted norm inequalities for singular integral operators .. .. .	296
POLLCOTT, MARK and SHARP, RICHARD, Rates of recurrence for $\mathbb{Z}^0$ and $\mathbb{R}^0$ extensions of subshifts of finite type .. .. .	401
QINSHENG, LAI, Weighted integral inequalities for the Hardy type operator and the fractional maximal operator .. .. .	244
ROBINSON, P. L., Modular theory and Bogoliubov automorphisms of Clifford algebras .. ..	463
ROBINSON, E. ARTHUR JR., On uniform convergence in the Wiener-Wintner theorem .. ..	493
SAITŌ, KAZUYUKI, Wild type III monotone complete simple $C^*$ -algebras indexed by cardinal numbers .. .. .	543
SCHEUER, TOBIAS, The canonical decomposition of the poset of a hammock .. .. .	232
SHALEV, ANER, The derived length of Lie soluble group rings II .. .. .	93
SHELAH, SAHARON and STEPRÁNS, JURIS, Somewhere trivial autohomeomorphisms .. .. .	569
SKOWRONSKI, ANDRZEJ, On the composition factors of periodic modules .. .. .	477

# CONTENTS

NOTES AND PAPERS	PAGE
AMBOS-SPIES, KLAUS, LEMPP, STEFFEN and LERMAN, MANUEL, Lattice embeddings into the R.E. degrees preserving 0 and 1 .. .. .	1
AYDIN, HUSEYIN and SMITH, GEOFF C., Finite $p$ -quotients of some cyclically presented groups ..	83
BAKER, ANDREW, Elliptic genera of level $N$ and elliptic cohomology .. .. .	581
BERMAN, ROBERT D. and NISHIURA, TOGO, Interpolation by radial cluster set functions and a Bagemihl-Seidel conjecture .. .. .	517
BISWAS, I. and RAMANAN, S., An infinitesimal study of the moduli of Hitchin pairs .. ..	219
BJÖRNER, A., LOVÁSZ, L., VREĆICA, S. T. and ŽIVALJEVIĆ, R. T. Chessboard complexes and matching complexes .. .. .	25
BRUCE, J. W., Generic geometry, transversality and projections .. .. .	183
BUNCE, L. J. and MAITLAND-WRIGHT, J. D., The Mackey-Gleason problem for vector measures on projections in von Neumann algebras .. .. .	133
DAVIES, E. B., Two-dimensional Riemannian manifolds with fractal boundaries .. .. .	343
DIESTEL, REINHARD, SHELAH, SAHARON and STEPRÁNS, JURIS, Dominating functions and graphs ..	16
DODSON, M. M., RYNNE, B. P. and VICKERS, J. A. G., The Hausdorff dimension of exceptional sets associated with normal forms .. .. .	614
ERDMANN, KARIN and MARTIN, STUART, Quiver and relations for the principal $p$ -block of $\Sigma_{sp}$ ..	442
ERDŐS, P., SÁRKÖZY, A. and STEWART, C. L. On prime factors of subset sums .. .. .	209
FALCONER, K. J., Sets with large intersection properties .. .. .	267
FARRAN, H. R. and ROBERTSON, S. A. Regular convex bodies .. .. .	371
FREMLIN, D. H., Embedding spaces of finite length in $\mathbb{R}^3$ .. .. .	150
FROELICH, JOHN, Strictly cyclic incidence operator algebras .. .. .	502
GROEMER, H., Stability theorems for ellipsoids and spheres .. .. .	357
HODGKIN, LUKE, On the $K$ -theory of small mapping class groups .. .. .	594
HOLLAND, D. and WILSON, S. M. J., Factor equivalence of rings of integers and Chinburg's invariant in the defect class group .. .. .	417
KENMOTSU, KATSUEI, An intrinsic characterization of $H$ -deformable surfaces .. .. .	555
LEMAŃCZYK, MARIUSZ and MAUDUIT, CHRISTIAN, Ergodicity of a class of cocycles over irrational rotations .. .. .	124
LUMINET, DENIS and VALETTE, ALAIN, Faithful uniformly continuous representations of Lie groups	100
MARTÍN-REYES, F. J. and DE LA TORRE, A., One-sided BMO spaces .. .. .	529
MARZANTOWICZ, WACŁAW, Borsuk-Ulam theorem for any compact Lie group .. .. .	195
PATE, THOMAS H., Immanant inequalities, induced characters, and rank two partitions .. ..	40
PÉREZ, C., Weighted norm inequalities for singular integral operators .. .. .	296
POLLCOTT, MARK and SHARP, RICHARD, Rates of recurrence for $\mathbb{Z}^0$ and $\mathbb{R}^0$ extensions of subshifts of finite type .. .. .	401
QINSHENG, LAI, Weighted integral inequalities for the Hardy type operator and the fractional maximal operator .. .. .	244
ROBINSON, P. L., Modular theory and Bogoliubov automorphisms of Clifford algebras .. ..	463
ROBINSON, E. ARTHUR JR., On uniform convergence in the Wiener-Wintner theorem .. ..	493
SAITŌ, KAZUYUKI, Wild type III monotone complete simple $C^*$ -algebras indexed by cardinal numbers .. .. .	543
SCHEUER, TOBIAS, The canonical decomposition of the poset of a hammock .. .. .	232
SHALEV, ANER, The derived length of Lie soluble group rings II .. .. .	93
SHELAH, SAHARON and STEPRÁNS, JURIS, Somewhere trivial autohomeomorphisms .. .. .	569
SKOWRONSKI, ANDRZEJ, On the composition factors of periodic modules .. .. .	477

# CONTENTS

SMITH, WAYNE, STANOYEVITCH, ALEXANDER and STEGENGA, DAVID A., Smooth approximation of Sobolev functions on planar domains .. .. .	309
SMYTH, M. B., Completeness of quasi-uniform and syntopological spaces .. .. .	385
STALLARD, GWYNETH M., The Hausdorff dimension of Julia sets of meromorphic functions ..	281
VAN CASTEREN, JAN A., Strictly positive Radon measures .. .. .	109
WHEELER, WAYNE W., Extended block induction .. .. .	73
WHITE, M. C., Strong Wedderburn decompositions of Banach algebras containing analytic semigroups .. .. .	331
WU, J., Sur l'équation $p+2 = P_2$ dans les petits intervalles.. .. .	61
ZHU, KEHE, Distances and Banach spaces of holomorphic functions on complex domains.. ..	163